

**From:** Ex. 4 - CBI  
**Sent:** 3/17/2012 11:20:26 AM  
**To:** "Cynthia Caporale/ESC/R3/USEPA/US@EPA" <Caporale.Cynthia@epamail.epa.gov>; "Kelley Chase/R3/USEPA/US@EPA" <Chase.Kelley@epamail.epa.gov>  
**CC:** Ex. 4 - CBI; "Gary Newhart/CI/USEPA/US@EPA" <Newhart.Gary@epamail.epa.gov>; "John Gilbert/CI/USEPA/US@EPA" <Gilbert.John@epamail.epa.gov>; "Richard Rupert/R3/USEPA/US" <Rupert.Richard@epamail.epa.gov>; "Sella Burchette/ERT/R2/USEPA/US@EPA" <Burchette.Sella@epamail.epa.gov>; "Robin Costas/ESC/R3/USEPA/US@EPA" <Costas.Robin@epamail.epa.gov>; "Stevie Wilding/ESC/R3/USEPA/US" <Wilding.Stevie@epamail.epa.gov>  
**Subject:** RE: EXTERNAL: Re: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf Posted Feb 15 (Metals Only - Expedited Report Review)

Cynthia and Kelley,

Based on the response from the R3 Lab dated 2/27/12, the data included in File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf and included in the Verification/Completeness Check issued on 2/16/12 (document SERAS-001-DSR-021612\_Dimock\_4), no qualification of the data is required.

Deb

**From:** Cynthia Caporale [mailto:Caporale.Cynthia@epamail.epa.gov]  
**Sent:** Monday, February 27, 2012 4:51 PM  
**To:** Ex. 4 - CBI  
**Cc:** Ex. 4 - CBI; Gary Newhart; John Gilbert; Kelley Chase; Richard Rupert; Sella Burchette; Robin Costas; Stevie Wilding  
**Subject:** EXTERNAL: Re: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf Posted Feb 15 (Metals Only - Expedited Report Review)

The report on the Dimock Verification/Completeness Check for file 1202003 FINAL Part 1 of 3 R33907 02 15 12 1741.pdf was reviewed and below are the responses for your consideration.  
File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf

1. Table 1 – Field and QC Sampling Summary lists mercury as a metal of interest. No data are reported for mercury in this file.

**Response: Mercury results are included in Part 3 of 3 with Inorganics.**

2. The requested RL on the Methods for Surface Waters and Groundwaters lists the RL for Uranium as 10 µg/L. The laboratory reported 1.0 µg/L. Verify that the RL reported is correct.

**Response: The RL of 1.0 ug/L is correct.**

3. Due to lack of project action limits, it was noted that several metals exceeded the Maximum Contaminant Levels (MCLs) for drinking water: Manganese for samples HW31, HW31z, HW15a, HW15a-F, HW31-F, HW31z-F, HW47 and HW47-F and arsenic for samples HW47, HW47-P, HW47-PF and HW47-F. The corresponding LCS, MS and duplicate samples were within QC criteria.

**Response: No comment.**

4. There were several non-typical metals that were detected in some of the drinking water samples for which no MCLs are available: Strontium for samples HW43-P, HW43, HW45-F, HW45-PF, HW43-F, HW43-PF, HW31-P, HW30, HW30-P, HW31, HW31z, HW15a, HW30-PF, HW15a-F, HW31-F, HW31z-F, HW30-F, HW31-PF, HW47, HW51, HW51-P, HW51-PF, HW51-F and HW47-F; uranium for samples HW43-P, HW43, HW45-F, HW45-PF, HW43-F, HW43-PF, HW15a-P, HW30, HW30-P, HW30-PF, HW30-F, HW15a-PF, HW51, HW51-P, HW51-PF and HW51-F; boron for samples HW31-P, HW30, HW30-P, HW31, HW31z, HW30-PF, HW31-F, HW31z-F, HW30-F, HW31-

PF, HW47, HW47-P and HW47-F.

**Response: No comment.**

5. It is assumed that all required instrument QC in the method was run and was within the criteria listed in the EPA R3 SOPs since this information is not available in the laboratory report.

**Response: This assumption is correct and future reports will include a statement in the narrative.**

Overall, based on the above comments and responses, an impact to result values or qualifiers does not seem warranted.

If you should have any questions or need further discussion on the above response please feel free to contact me or Robin Costas at 410-305-2659.

Cynthia Caporale, Chief  
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U.S. EPA Region III  
Environmental Science Center  
Fort Meade, MD  
(410) 305-2732  
Fax: (410) 305-3095

From:

Ex. 4 - CBI

To: Kelley Chase/R3/USEPA/US@EPA, Cynthia Caporale/ESC/R3/USEPA/US@EPA

Cc: Richard Rupert/R3/USEPA/US, Gary Newhart/CI/USEPA/US@EPA, John

Gilbert/CI/USEPA/US@EPA, Ex. 4 - CBI Sella

Burchette/ERT/R2/USEPA/US@EPA

Date: 02/17/2012 07:57 AM

Subject: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12  
1741.pdf Posted Feb 15 (Metals Only - Expedited Report Review)

.....is attached.

Ex. 4 - CBI

Lockheed Martin

Scientific, Engineering, Response and Analytical Services (SERAS)

Ex. 4 - CBI

732-494-4021 (Fax)

[attachment "SERAS-001-DSR-021612\_4.docx" deleted by Cynthia Caporale/ESC/R3/USEPA/US]